

Sheet 1 of 4

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.

29920-79201

SERIAL NO.

10/560,869

APPLICANT

David Nurok et al.

FILING DATE

December 14, 2005

GROUP

Unknown

U.S. PATENT DOCUMENTS

*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
/K.Z./	AI	3,864,250	Feb. 4, 1975	Perry			
	AH	4,346,001	Aug. 24, 1982	Tyihak et al.			
	AG	4,438,205	Mar. 20, 1984	Saint-Leger et al.			
	AF	4,591,524	May 27, 1986	Tyihak			
	AE	4,671,870	Jun. 9, 1987	Tompa et al.			
	AD	4,671,871	Jun. 9, 1987	Szekely et al.			
	AC	4,708,782	Nov. 24, 1987	Andersen et al.			
	AB	4,740,298	Apr. 26, 1988	Andersen et al.			
	AA	4,865,729	Sep. 12, 1989	Saxena et al.			
	AK	5,248,426	Sep. 28, 1993	Stillian et al.			
/K.Z./	AJ	5,350,510	Sep. 27, 1994	Partney, Jr.			

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		Document Number	Date	Country	Class	Subclass	Translation Yes No
		AL					
		AM					
		AN					
		AO					
		AP					

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

/K.Z./	AR	Conference Report; Journal of Planar Chromatography, 1993; 355-356; Authored by Ian Davies
	AS	Electroosmotically driven thin-layer electrochromatography on silica media; 1999; J. Chromatogr. 844; 333-340; Authored by Howard et al.
	AT	Evaporation-induced solvent migration in electrically-driven thin layer chromatography; 1999; J. Chromatogr. 841; 127-132; Authored by Shafik et al.
	AU	Electro-osmosis: A new concept for high-speed liquid chromatography; Journal of Chromatography; 1974; 99; 23-30; Authored by Pretorius et al.
	AV	Planar Electrochromatography on non-wetted thin-layers; Chromatographia; January 1994; Vol. 38, No. 1/2; 83-87; Authored by Pukl et al.
	AW	Planar Electrophoresis and Electrochromatography: Time to Revisit these Techniques?; Journal of Planar Chromatography; Sept./Oct. 97; Vol. 10; 332-335; Authored by Poole et al.
	AX	Electrokinetic Ultrafiltration Analysis of Polysaccharides: A new Approach to the Chromatography of Large Molecules; International Congress on Analytical Chemistry; June 3, 1952; 964-969; Authored by D. L. Mould
	AY	Separations of Polysaccharides related to Starch by Electrokinetic Ultrafiltration in Collodion Membranes; The Rowett Research Institute, Bucksburn, Aberdeenshire; April 15, 1954; 571-585; Authored by D. L. Mould and
/K.Z./	AZ	D. Nurok et al., "The Performance of Planar Chromatography using Electroosmotic Flow", Journal of Planar Chromatography, Vol. 11, July/August 1998, pgs. 244-246

Examiner

/Katherine Zalasky/

Date Considered

11/03/2008

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

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U.S. PATENT DOCUMENTS							
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/K.Z./	BA	6,303,029	Oct. 16, 2001	Nurok et al.			
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FOREIGN PATENT DOCUMENTS							
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OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)							
/K.Z./	BR	D. Nurok et al., "Separation Using Planar Chromatography with Electroosmotic Flow", <i>Journal of Chromatography A</i> , 903, 2000, pgs. 211-217					
	BS	D. Nurok et al., "Variables that Affect Performance in Planar Chromatography with Electroosmotic Flow", <i>Journal of Planar Chromatography</i> , Vol. 14, November/December 2001, pgs. 409-414					
	BT	D. Nurok et al., "The Performance of Planar Electrochromatography in Horizontal Chamber", <i>Journal of Planar Chromatography</i> , Vol. 15, September/October 2002, pgs. 320-323					
	BU	D. Nurok et al., "Role of Buffer Concentration and Applied Voltage in Obtaining a Good Separation in Planar Electrochromatography", <i>Journal of Chromatography A</i> , 983, 2003, pgs. 247-253					
	BV	T. H. Dzido et al., "Planar Electromatography in Horizontal Chamber with Cooling of the Chromatographic Plate", <i>Proc. International Symposium on Planar Separations</i> , Budapest, 2003, pgs. 129-138					
	BW	T. Dzido et al., "Application of a Horizontal DS Chamber to Planar Electrochromatography", <i>Journal of Planar Chromatography</i> , Vol. 16, May/June 2003, pgs. 176-182					
	BX	I. Malinowska et al., "Planar Electrochromatography on Silica and Alumina", <i>Journal of Planar Chromatography</i> , Vol. 11, November/December 1998, pgs. 411-416					
	BY	I. Malinowska, "The Influence of Electric Fields on the Chromatographic Process in TLC", <i>Journal of Planar Chromatography</i> , Vol. 12, November/December 1999, pgs. 408-415					
/K.Z./	BZ	I. Malinowska, "Planar Electrochromatography on Nonwetted Layers with Binary Mobile Phases", <i>Journal of Planar Chromatography</i> , Vol. 13, July/August 2000, pgs. 307-313					
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 600. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

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	CB					
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	CI					
	CJ					
	CK					

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	CP					

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/K.Z./	CR	I. Malinowska, "Some Aspects of the Effect of an Electric Field in Reversed-Phase Thin-Layer Chromatography", <i>ACTA Chromatographica</i> , No. 11, 2001, pgs. 204-214
	CS	I. Malinowska et al., "The Effect of Electric Fields on Solute Migration and Mixture Separation in TLC", <i>Journal of Planar Chromatography</i> , Vol. 15, November/December 2002, pgs. 418-424
	CT	V. Coman et al., "Planar Dielectrochromatography—A Perspective Technique", <i>Journal of Planar Chromatography</i> , Vol. 16, September/October 2003, pgs. 338-346
	CU	S. Kreibik et al., "Horizontal Planar Dielectrochromatography. I. Preliminary Results", <i>Journal of Planar Chromatography</i> , Vol. 15, November/December 2002, pgs. 425-428
	CV	J. K. Rózlo et al., "10 Electroosmotically driven TLC—in Planar Chromatography: A Retrospective View for the Third Millennium, Nyiredy, SZ. ed.", <i>Springer Scientific, Budapest, Hungary</i> , 2001, pgs. 200-219
	CW	R. Consden et al., "Ionophoresis in Silica Jelly—A Method for the Separation of Amino-Acids and Peptides", <i>Biochem. J.</i> , Vol. 40, 1946, pgs. 33-41
	CX	D. Nurok et al., "Apparatus and Initial Results for Pressurized Planar Electrochromatography", <i>Analytical Chemistry</i> , Vol. 76, No. 6, March 15, 2004, pgs. 1690-1695
	CY	J. M. Koers et al., "Performance of Planar Electrochromatography at Elevated Pressure", <i>Proc. International Symposium on Planar Separations</i> , Budapest, 2003, pgs. 123-128
/K.Z./	CZ	D. Nurok, "Planar Electrochromatography", <i>Journal of Chromatography A</i> , Vol. 1044, 2004, pgs. 83-96

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FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Subclass	Translation Yes No
	DL						
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/K.Z./	DR	T. H. Dzido et al., "Application of Horizontal Chamber for Separation in Opened and Closed Systems of Planar Electrochromatography", <i>Proc. International Symposium on Planar Separations</i> , Budapest, 2003, pgs. 19-28					
/K.Z./	DS	PCT International Search Report for PCT Application No. PCT/US04/19438, November 24, 2004, 6 pgs.					
	DT						
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